



# A BRAND ADO-SUS

Advanced Performance Coolant-Fed Carbide Drills for Stainless Steel

**Performance Drill for Gummy Materials!**

## PRIMARY TARGETS

- Stainless & Titanium Applications
- Customers Struggling with Chip Shape/Evacuation
- Customers Seeking Cycle Time Improvements

## SOLUTIONS

- Provides Excellent Chip Shape & Long Tool Life!
- A Single Drill to Cover Several Materials Such as Steel, Stainless Steel, Cast Iron and more!

## WHAT OUR CUSTOMERS SEE

- Huge Difference in Chip Shape *It Breaks Gummy Chips!*
- Significant Tool Life Increase!

## HOW DOES IT WORK?

### MEGA Cooler

- Increases Volume & Coolant Velocity by *30% Over Conventional*

### Special Flute Form

- Compresses & Compacts Chips

### WXL Coating

- High Wear Resistance / Low Coefficient of Friction



osgtool.com

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# A Brand ADO-SUS

Advanced Performance Coolant-Fed Carbide Drills for Stainless Steel

## A Brand ADO-SUS

The A Brand ADO-SUS drills are one of OSG's premium lines of carbide, coolant-through, advanced performance drills, designed to drill in stainless steel and titanium. New "Mega Cooler™" coolant hole shape improves coolant flow by 33%, aids in better chip evacuation and less cutting heat generation.



### Features & Benefits

- **OSG's patented WXL® coating** dramatically improves wear resistance.
- **Sharp Cutting Edge** reduces work hardening, leading to longer tool life.
- **Mega Cooler™ coolant hole** improves coolant flow, chip evacuation and heat generation.

### List Numbers

5200 - A Brand ADO-SUS (3D)  
5210 - A Brand ADO-SUS (5D)  
5220 - A Brand ADO-SUS (8D)

### Size Range

2mm-20mm, 3/32"-3/4"  
2mm-20mm, 3/32"-3/4"  
2mm-12.7mm, 3/32"-1/2"

## Why Use A Brand ADO-SUS?

### The Solution to your Stainless Steel and Titanium Troubles

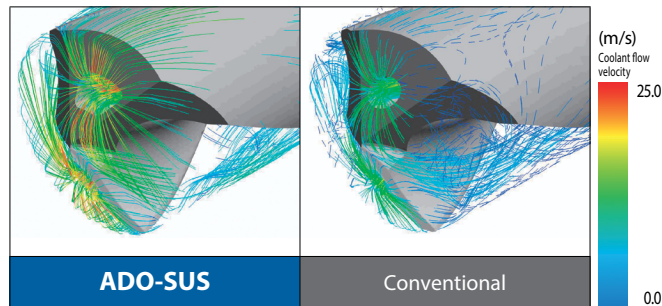
OSG's A Brand ADO-SUS has specifically addressed many common issues that occur when machining stainless steels and titanium alloys such as work hardening, elongated chips, low thermal conductivity and welding on the tool.

With a patent pending cutting edge, new flute geometry, WXL® coating and the newly designed Mega Cooler™ coolant hole, the ADO-SUS has a solution for all of your stainless steel and titanium troubles.

## Mega Cooler™ Coolant Hole

### Exceptional Coolant Delivery

Improved coolant delivery at the cutting edge suppresses heat buildup and improves chip evacuation, thereby increasing tool life and enabling faster drilling speeds. The Mega Cooler™ coolant hole is only available on sizes 6mm and over.

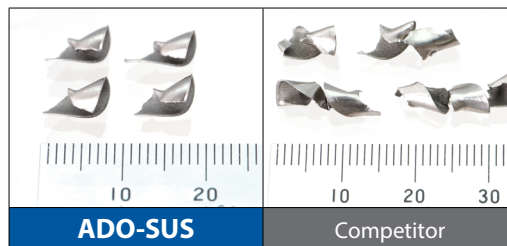


Analysis of coolant flow with spindle speed of 2,200 RPM

## New Flute Geometry

### Producing Manageable Chips

The A Brand ADO-SUS features a cutting geometry specifically designed for producing compact cutting chips.



For more information use your phone to scan the QR code to the right and visit: [osgtool.com/ado-sus](http://osgtool.com/ado-sus)



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